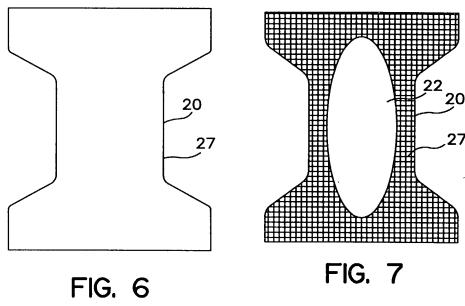


, t--- j. .



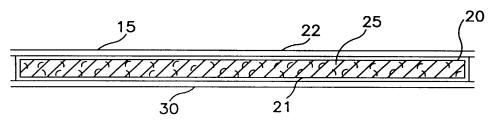
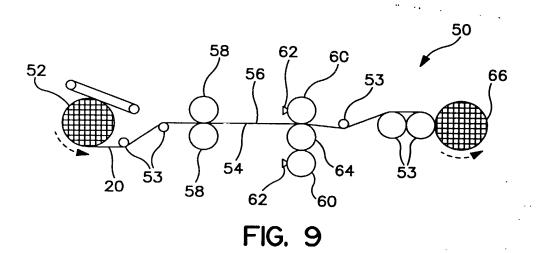
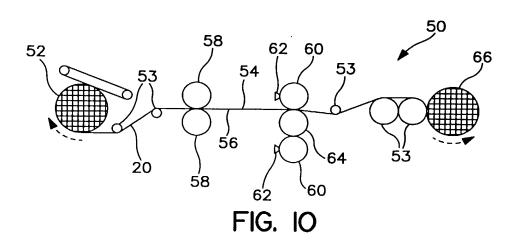


FIG. 8





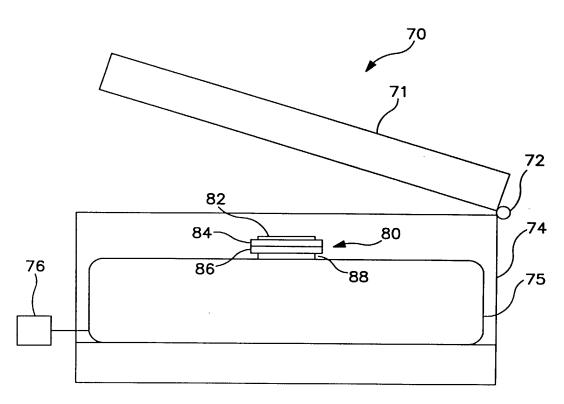
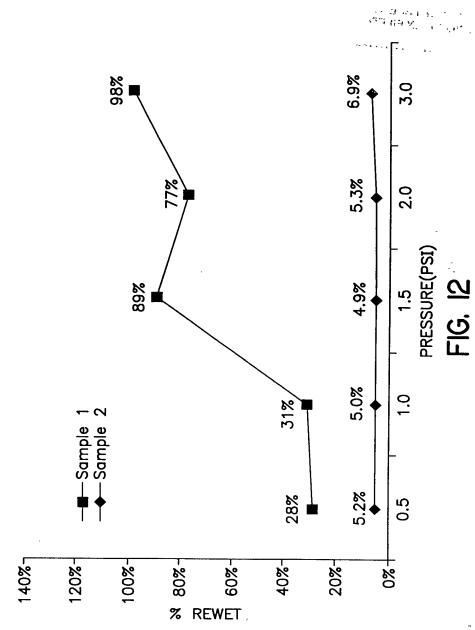
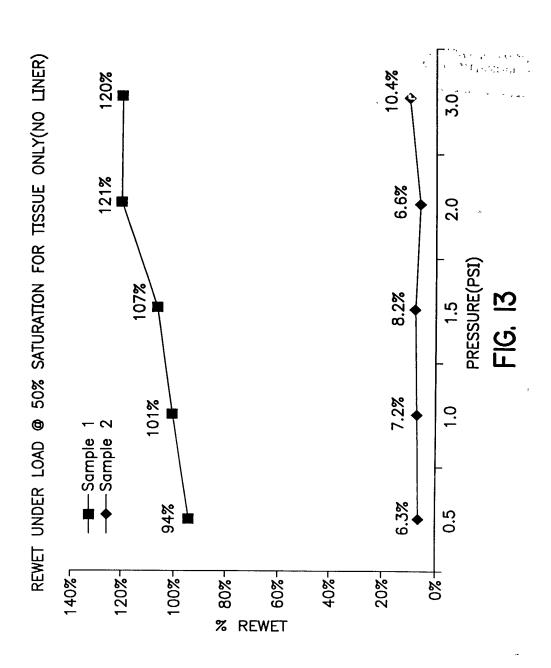


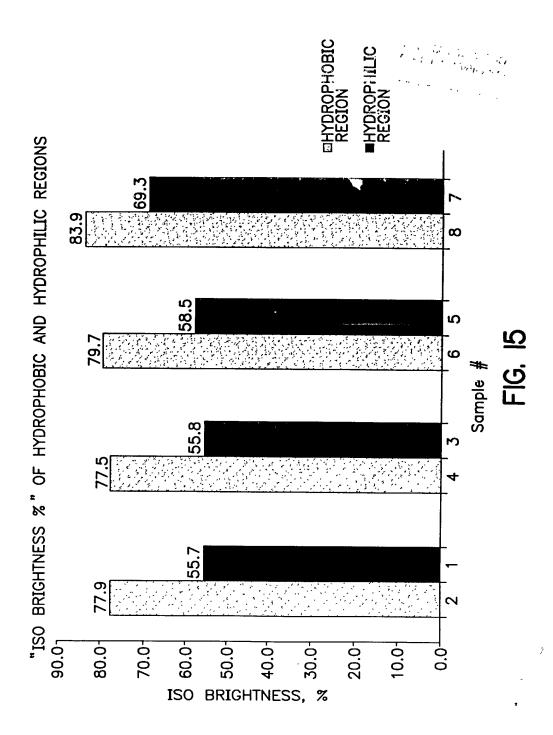
FIG. I I

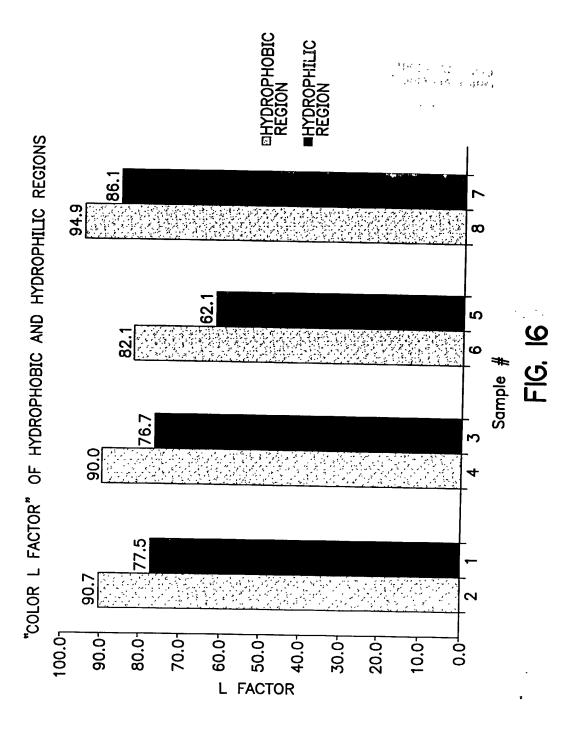
REWET UNDER LOAD @ 50% SATURATION RESULTS FOR MULTI-LAYER SYSTEM.

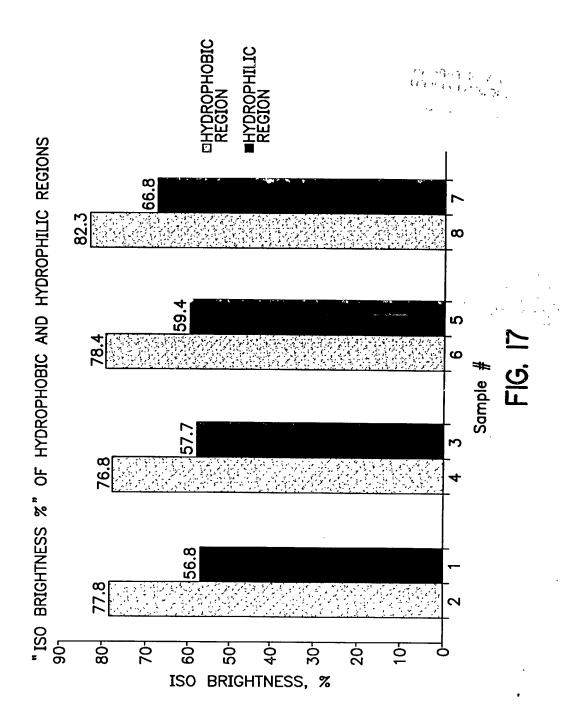


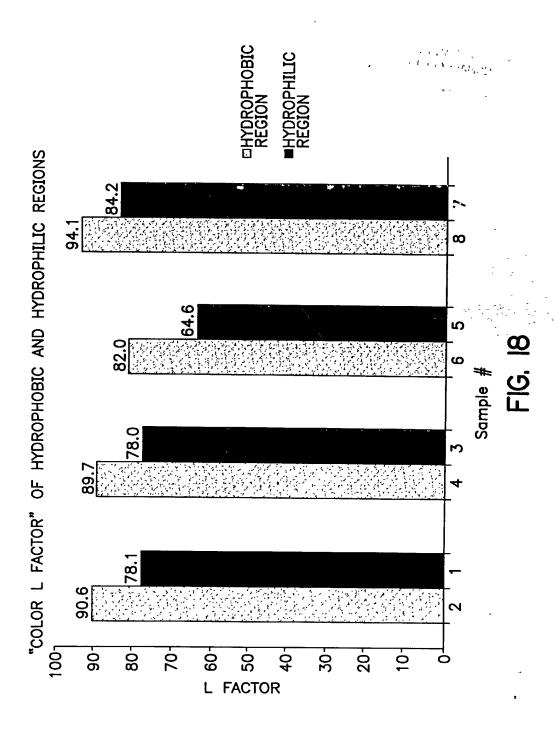


Part . DRYNESS IMPROVEMENT DUE TO HYDROPHOBIC TREATMENT @ 50% SATURATION 110% 91% 114% 72% PRESSURE(PSI) FIG. 14 866 84% —■—Without Liner —◆—With Liner 94% 0. 26% 88% 0.5 140% DRYNESS IMPROVEMENT 120%-20%-1%0









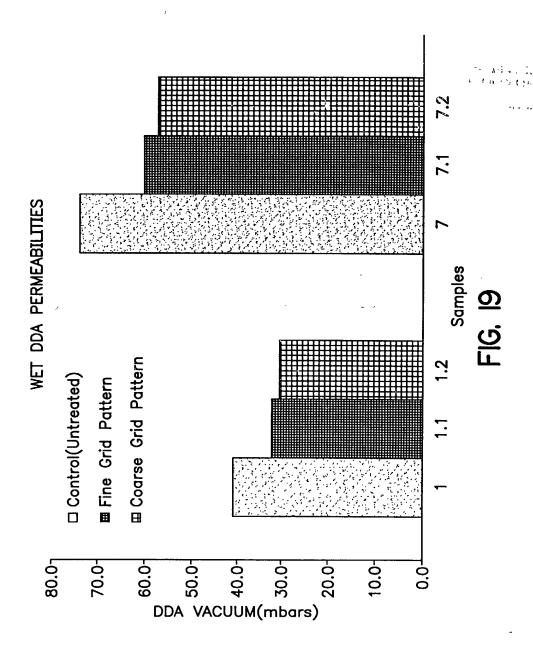


FIG. 20

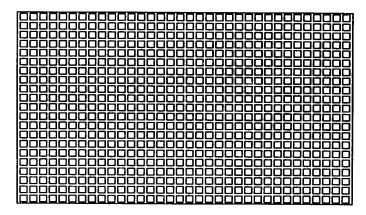
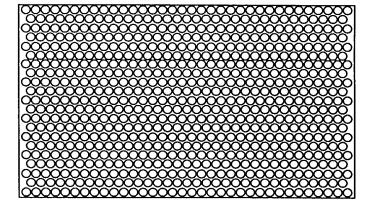


FIG. 21



3.3

FIG. 22